REMARKS

Claims 1-19 are pending in the present application.

Applicants submit herewith a substitute Sequence Listing and a corresponding computer-readable Sequence Listing. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the substitute Sequence Listing. Support for all of the sequences listed in the substitute Sequence Listing is found in the present application. No new matter is believed to have been introduced by the submission of the substitute Sequence Listing and the corresponding computer-readable Sequence Listing. The specification has also been amended to add sequence identifiers where necessary. Support for this amendment is provided by the originally filed specification and Sequence Listing.

Application Serial No. 10/590,219 Response to Office Communication mailed April 4, 2007

Applicants submit that the present application is in condition for examination on the merits. Early notification to this effect is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Stephen G. Baxter, Ph.D. Registration No. 32, 884

Vincent K. Shier, Ph.D. Registration No. 50,552

Customer Number 22850

Tel: (703) 413-3000 Fax: (703) 413-2220 (OSMMN 08/03)